BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

ıe of Work: Improvements of CC drain & CC road Kempegowda Nagara 6th A 's & 6th B Cross roads in Dasarahalli Ward No 15

					Est. Cost Rs	30.00	Lakhs	
Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
SRRB M200-Dismtling of existing structures like culverts, ridges, retaining walls and other structure comprising of asonary, cement concrete, wood work,steel work, including T&P nd scaffolding whereever necessary, sorting the dismanlet ıaterial, disposal of unserviceable material and stacking the erviceable material with all lifts complete as per specification ime/Cement concrete I. By Manual Means C. Prestressed Reinforced cement concrete Grade M-20 & above (P-139, It 18.19) WD SR 2018-19								
	Cum	1	60.00	1.20	0.15	10.80		
		2	60.00	0.15	0.75	13.50		
		1	183.00	5.00	0.20	183.00		
						207.30	1684.34	349164.00
Basic Rate	1589.00							
Add Area Weightage	95.34							
Total	1684.34							
KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.143/I.19.1 PW, P & IWTD -SR 2018-19)								
		1	183.00	5.00	0.30	274.50		
						274.50	137.80	37826.00
Basic Rate	130.00							
Add Area Weightage 6%	7.80							
Total	137.80							
Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2018-19, P.No.155, I No.20.18)								
	Cum	1	183.00	5.00	0.23	210.45		

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						210.45	2001.28	421169.00
Basic Rate	1888.00							
Add Area Weightage 6%	113.28							
Total	2001.28							
SRRB M2100-10. Providing and laying Plain cement concrete of ix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size aded granite metal coarse aggregates @0.89cum and fine ggregates @ 0.46cum, in foundation mechanically mixed, placed in undation and compacted by vibration including curing for 14 ys including cost of all materials, labour, HOM curing, form orks, scaffolding and centering complete as per specifications. ORTH Specification No. 2100 (P.222/I.27.18) PWD - SR 2018-19)								
	Cum	1	60.00	1.20	0.10	7.20		
		1	183.00	5.00	0.10	91.50		
Basic Rate	5115.00					98.70	5421.90	535142.00
Add Area Weightage 6%	306.90							
Total	5421.90							
roviding and laying plain/reinforced cement concrete for side rains using M20 nominal mix concrete with OPC at 300 kgs. with 0mm and down size granite metal coarse aggregates at 0.69 cum nd fine aggregates at 0.43 cum machine mixed, well compacted or walls and bottom including centering, shuttering, cost of naterials, HOM of machinery, curing etc., complete excluding cost f steel as per MORTH specification No. 1500, 1700, 2200.(PWD SR 2018-19 P.no-271, It No 37.59.20)								
	Cum	2	60.00	0.15	0.90	16.2		
		1	60.00	0.90	0.10	5.4		
Basic Rate	6670.00					21.60	7070.20	152716.00
Add Area Weightage 6%	400.20							
Total	7070.20							
Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost. transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
	Sqm	1	60.00	0.90		54.00		
Data Rates Approved						54.00	2208.00	119232.00

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ment concrete pavement.Construction of un-reinforced plain ient concrete pavement, thickness as per design, over a epared sub base with OPC cement or any other type as per ause 1051.2.2 with 25mm and down size graded granite metal arse aggregates and fine aggregtes , with superplastisiser @3lts nfirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete ixer of not less than 0.6 cum capacity and appropriate weigh tcher as per approved mix design, laid in approved fixed side rm work (steel channel, laying and fixing of 125 micron thick lythene film, wedges, steel plates including levelling the form ork as per drawing). Spreading the concrete with shovels, rackers mpacted using needle, screed and plate vibrator and finished in a ntinuous operation including provision of contraction, expansion, nstruction and longitudinal joints, joint filler, separation embrane, selant primer, joint sealant, admixtures as approved, uring compound, finishing to lines and grades as per drawing mplete as per specifications. M30 (at 360Kg per cum coarse ggregate @ 0.69cum and fine aggregate @ 0.43cum) ((P.No.176, No.22.6.1 of PW P&HWTD SR 2018-19)

	Cum	1	183.00	5.00	0.15	137.25		
Basic Rate	4916.00					137.25	5210.96	715204.00
Add Area Weightage 6%	294.96							
Total	5210.96							

accum de-watering with vaccum pump and suction mat and mpaction with skin floater clubbed with floating disc including ost of generator, HOM of machinery,screed vibratory,power loater,blade and disc etc., with all lead and lift [P.No.176 - .No.22.7]PWD - SR 2018-19)

	Sqm	1	183.00	5.00		915.00		
Basic Rate	68.00					915.00	72.08	65953.00
Add Area Weightage 6%	4.08							
Total	72.08							

KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.229 - I. no.28.8.2]PWD - SR 2018-19)

	Tonne							
Qty Vide Item No. 6		80	21.60			1728.00		
						1728.00		
Basic Rate	68233.00					1.73	72326.98	124981.00
Add 6% A.W	4093.98							
TOTAL	72326.98							

Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 136 Item No. 17.1 PWD SR 2018-19

	Cum	Qty Vide Item No. 2				274.50	69.80	19160.00

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Loading and Unloading Charges	57.00							
Lead 4 KMs 2x1.28x4	12.80							
	69.80							
						Sub Total		2540547
Tender Premium Charge 5%								127027.00
WMC Charge 1%								25405.00
GST Charge 12%								304866.00
Miscellaneous and UnforessenCharges								2155.00
							Total	3000000.00

Rupees Thirty Lakhs Only

CERTIFICATE:-

The Work spot has been inspected and the work is found to be necessary

The Estimate is prepared as per the PWP & IWTD -SR-2018-19

The Provision made in estimate are adequate and essential.

This area comes under BBMP limits.

Assistant Engineer
Ward No 15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. EE/DD/AE)128/19-20 ದಿನಾಂಕ : 17/06/2019
ರೂ. Rs 30.00 Lakhs (Rupees Thirty Lakhs Only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/DD/TS/125/19-19 ದಿನಾಂಕ : 02/07/2019
ರೂ. 30.00 Lakhs/- (Rs Thirty Lakhs Only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾ[illegible]

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ
ದಾಸರಹಳ್ಳಿ ವಲಯ, [illegible]ರು.

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